

# **METHOD AND APPARATUS FOR FACILITATING SUBSTITUTION OF DIGITAL IMAGES WITH LINE DRAWINGS**

## **ABSTRACT**

One embodiment of the present invention provides a system that facilitates substitution of a full bitmap version of a graphical image with a line drawing version of the graphical image in a graphical presentation. The system operates by displaying a page in the graphical presentation, which includes the line drawing version of the graphical image. Next, the system allows a user to input a command to display the full bitmap version of the graphical image. If the user inputs the command, the system retrieves the full bitmap version of the graphical image, and displays the full bitmap version of the graphical image. Note that displaying the line drawing version of the graphical image requires less data to be retrieved than displaying the full bitmap version of graphical image. Consequently, loading the line drawing version of the graphical image takes less time than loading the full bitmap version. Another embodiment of the present invention provides a system that facilitates substitution of a full bitmap version of a graphical image with a line drawing version of the graphical image in a graphical presentation. The system receives the full bitmap version of the graphical image, and then produces the line drawing version of the graphical image from the full bitmap version of the graphical image. Next, the system inserts the line drawing version of the graphical image into a page in the graphical presentation, and then links the full bitmap version of the graphical image into the graphical presentation so that selecting the line drawing version of the graphical image causes the full bitmap version of the graphical image to be displayed.